BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 50.00Lakhs

Name of Work:-Providing of cobble stone footpaths at ward no-03 Atturu.

S.N	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S slab of drain and stacking (P.No 25 I.No 5.32)	sqm							
	Damaged portion of drains:-2nd Main L/Side		1	17.80	1.80		32.04		
			1	13.10	1.80		23.58		
			1	24.60	1.80		44.28		
	R/Side		1	11.70	1.80		21.06		
			1	19.40	1.80		34.92		
			1	14.50	1.80		26.10		
			1	9.80	1.80		17.64		
			1	19.00	1.80		34.20		
	Neha prakasha Hospital road:-L/Side		1	18.20	1.80		32.76		
	(4Th cross to 2nd main road)		1	12.90	1.80		23.22		
			1	10.60	1.80		19.08		
	R/Side		1	25.10	1.80		45.18		
			1	16.70	1.80		30.06		
			1	19.90	1.80		35.82		
							419.94		
		Deduct 90%of Missing slabs qty					377.95		
							41.99	65.72	2760.00
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	65.72							
2	Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33)	Sqm							
			Vide Item No. 1				41.99	80.56	3383.00
	Basic Rate	76.00							
	Area Weightage @ 6%	4.56							
	Total	80.56							
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick(P.No 25 I.No 5.31.1)	sqm							
		45%of Missing slabs qty					377.95	665.68	251591.09
	Basic Rate	628.00							
	Area Weightage @ 6%	37.68							
	Total	665.68							
4	KSRRB 200-8.Claring and grubbing road land including uprooting rank vegetation,grass,brush,shrubs,saplings and trees of girth up to 300mm, by manual means,in areas of light jungle,removal of stumps, disposal of un serviceable materials,stacking of serviceable materials labour charges complete as per specifications.(p.no136/s.no18.11,pwd sr 2016 2017)	sqm							

	2nd main L/side		1	7.50	3.00		22.50		
			1	9.00	2.40		21.60		
			1	10.00	2.40		24.00		
			1	15.00	2.70		40.50		
			1	30.00	2.70		81.00		
	2nd main Road R/side		1	15.00	1.20		18.00		
			1	25.00	2.70		67.50		
			1	9.30	3.00		27.90		
	Transformer alround		1	4.00	0.75		3.00		
			1	10.00	0.75		7.50		
	SMIG-A BLOCK(7+8+9)		1	6.00	3.00		18.00		
			1	2.50	4.50		11.25		
			1	12.50	11.00		137.50		
			2	7.20	2.00		28.80		
			2	2.20	1.50		6.60		
			1	7.20	2.00		14.40		
			1	4.50	2.70		12.15		
			1	12.00	3.00		36.00		
			1	7.50	5.50		41.25		
							619.45		
	Deductions Portions:-Chambers R/side		7	1.00	0.90		6.30		
			1	0.75	0.65		0.49		
			6	0.90	0.90		4.86		
	L/side		6	0.90	0.90		4.86		
			2	1.00	0.90		1.80		
	Tree pathies		10	0.90	0.90		8.10		
	sump tank,s		2	5.35	3.20		34.24		
							60.65		
							558.80		
			80% of Quantity				**447.04**	6.36	2843.19
	Basic Rate	6.00							
	Area Weightage @ 6%	0.36							
	Total	6.36							
5	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum							
	Desilting of drains:-2nd Main road L/Side		1	30.00	0.60	0.60	10.80		
			1	28.00	0.60	0.60	10.08		
			1	35.00	0.60	0.60	12.60		
			1	32.00	0.60	0.60	11.52		
	R/Side		1	45.00	0.60	0.60	16.20		
			1	25.00	0.60	0.60	9.00		
			1	60.00	0.60	0.60	21.60		
	Sneha prakasha Hospital road :-		2	133.00	0.60	0.60	95.76		
	Berm cutting and over burden earth cutting								
	2nd Main road L/Side		1	30.00	0.80	0.20	4.80		

			1	28.00	0.80	0.20	4.48		
			1	35.00	0.80	0.20	5.60		
			1	32.00	0.80	0.20	5.12		
	R/Side		1	45.00	0.80	0.20	7.20		
			1	25.00	0.80	0.20	4.00		
			1	60.00	0.80	0.20	9.60		
	Sneha prakasha Hospital road :-		2	133.00	0.80	0.15	31.92		
	Levelling and loweering work:-								
	2nd main L/side		1	7.50	3.00	0.35	7.88		
			1	9.00	2.40	0.35	7.56		
			1	10.00	2.40	0.35	8.40		
			1	15.00	2.70	0.35	14.18		
			1	30.00	2.70	0.35	28.35		
	2nd main Road R/side		1	15.00	1.20	0.35	6.30		
			1	25.00	2.70	0.35	23.63		
			1	9.30	3.00	0.35	9.77		
	Transformer alround		1	4.00	0.75	0.35	1.05		
			1	10.00	0.75	0.35	2.63		
	SMIG-A BLOCK(7+8+9)		1	6.00	3.00	0.35	6.30		
			1	2.50	4.50	0.35	3.94		
			1	12.50	11.00	0.35	48.13		
			2	7.20	2.00	0.35	10.08		
			2	2.20	1.50	0.35	2.31		
			1	7.20	2.00	0.35	5.04		
			1	4.50	2.70	0.35	4.25		
			1	12.00	3.00	0.35	12.60		
			1	7.50	5.50	0.35	14.44		
	SMIG-B Block(7+8+9):-Front		1	14.50	13.50	0.30	58.73		
	R/Side of Block:-sides		1	8.00	2.40	0.30	5.76		
			1	5.00	1.20	0.30	1.80		
	passage		1	3.50	2.10	0.30	2.21		
	Main Entry Block:-Sides		1	8.00	3.50	0.30	8.40		
	passage		1	3.50	2.10	0.30	2.21		
	L/Side of Block:-passage		1	8.50	2.10	0.30	5.36		
	sides		1	2.10	2.00	0.30	1.26		
			1	3.00	1.20	0.30	1.08		
			1	2.05	0.80	0.30	0.49		
	SMIG-B Block(16+17+18):-Front		1	14.50	15.00	0.30	65.25		
	L/Side of Block:-sides		1	8.00	3.50	0.30	8.40		
	passage		1	3.50	2.10	0.30	2.21		
	Main Entry Block:-Sides		1	8.00	3.50	0.30	8.40		
	passage		1	3.50	2.40	0.30	2.52		
	R/Side of Block:-sides		1	7.50	3.50	0.30	7.88		
	passage		1	3.50	2.00	0.30	2.10		
	SMIG-B Block(19+20+21):-Front		1	15.00	14.50	0.30	65.25		
	L/Side of Block:-sides		1	8.00	3.50	0.30	8.40		
	passage		1	3.50	2.10	0.30	2.21		
	Main Entry Block:-Sides		1	8.00	2.40	0.30	5.76		
	passage		1	3.50	2.10	0.30	2.21		
	R/Side of Block:-sides		1	8.00	3.50	0.30	8.40		
	passage		1	3.50	2.10	0.30	2.21		
							755.54		
	Deductions Portions:-Chambers R/side		7	1.00	0.90	0.35	2.21		

			1	0.75	0.65	0.35	0.17		
			6	0.90	0.90	0.35	1.70		
	L/side		6	0.90	0.90	0.35	1.70		
			2	1.00	0.90	0.35	0.63		
	Tree pathies		10	0.90	0.90	0.35	2.84		
	sump tank,s		2	5.35	3.20	0.35	11.98		
	Flatform		1	1.80	1.40	0.30	0.76		
			1	2.00	0.90	0.30	0.54		
							22.52		
							733.02	86.92	63714.00
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total Rs	86.92							
6	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum							
	Culverts:-SMIG-A + B BLOCK,S		3	5.50	1.50	0.90	22.28		
			1	4.80	1.50	0.90	6.48		
							28.76	299.98	8626.00
	Basic Rate	283.00							
	Area Weightage @ 6%	16.98							
	Total Rs	299.98							
7	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 5+6				**761.78**	72.08	54909.00
	Basic Rate	68.00							
	Area Weightage @ 6%	4.08							
	Total Rs	72.08							
8	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. **(Page No. 144 & Item No. 19.60)**	Cum							

	2nd main L/side		1	7.50	3.00	0.45	10.13		
			1	9.00	2.40	0.45	9.72		
			1	10.00	2.40	0.45	10.80		
			1	15.00	2.70	0.45	18.23		
			1	30.00	2.70	0.45	36.45		
	2nd main Road R/side		1	15.00	1.20	0.45	8.10		
			1	25.00	2.70	0.45	30.38		
			1	9.30	3.00	0.45	12.56		
	Transformer alround		1	4.00	0.75	0.45	1.35		
			1	10.00	0.75	0.45	3.38		
	SMIG-A BLOCK(7+8+9)		1	6.00	3.00	0.45	8.10		
			1	2.50	4.50	0.45	5.06		
			1	12.50	11.00	0.45	61.88		
			2	7.20	2.00	0.45	12.96		
			2	2.20	1.50	0.45	2.97		
			1	7.20	2.00	0.45	6.48		
			1	4.50	2.70	0.45	5.47		
			1	12.00	3.00	0.45	16.20		
			1	7.50	5.50	0.45	18.56		
	SMIG-B Block(7+8+9):-Front		1	14.50	13.50	0.45	88.09		
	R/Side of Block:-sides		1	8.00	2.40	0.45	8.64		
			1	5.00	1.20	0.45	2.70		
	passage		1	3.50	2.10	0.45	3.31		
	Main Entry Block:-Sides		1	8.00	3.50	0.45	12.60		
	passage		1	3.50	2.10	0.45	3.31		
	L/Side of Block:-passage		1	8.50	2.10	0.45	8.03		
	sides		1	2.10	2.00	0.45	1.89		
			1	3.00	1.20	0.45	1.62		
			1	2.05	0.80	0.45	0.74		
	SMIG-B Block(16+17+18):-Front		1	14.50	15.00	0.45	97.88		
	L/Side of Block:-sides		1	8.00	3.50	0.45	12.60		
	passage		1	3.50	2.10	0.45	3.31		
	Main Entry Block:-Sides		1	8.00	3.50	0.45	12.60		
	passage		1	3.50	2.40	0.45	3.78		
	R/Side of Block:-sides		1	7.50	3.50	0.45	11.81		
	passage		1	3.50	2.00	0.45	3.15		
	SMIG-B Block(19+20+21):-Front		1	15.00	14.50	0.45	97.88		
	L/Side of Block:-sides		1	8.00	3.50	0.45	12.60		
	passage		1	3.50	2.10	0.45	3.31		
	Main Entry Block:-Sides		1	8.00	2.40	0.45	8.64		
	passage		1	3.50	2.10	0.45	3.31		
	R/Side of Block:-sides		1	8.00	3.50	0.45	12.60		
	passage		1	3.50	2.10	0.45	3.31		
							696.44		
	Deductions Portions:-Chambers R/side		7	1.00	0.90	0.45	2.84		
			1	0.75	0.65	0.45	0.22		
			6	0.90	0.90	0.45	2.19		
	L/side		6	0.90	0.90	0.45	2.19		
			2	1.00	0.90	0.45	0.81		
	Tree pathies		10	0.90	0.90	0.45	3.65		
	sump tank,s		2	5.35	3.20	0.45	15.41		
	Flatform		1	1.80	1.40	0.45	1.13		
			1	2.00	0.90	0.45	0.81		

								29.24		
								667.20	320.12	213585.00
	Basic Rate	302.00								
	Area Weightage @ 6%	18.12								
	Total Rs	320.12								
9	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum								
	Culverts:-SMIG-A + B BLOCK,S		3	5.50	1.30	0.15	3.22			
			1	4.80	1.30	0.15	0.94			
	2nd main L/side		1	7.50	3.00	0.15	3.38			
			1	9.00	2.40	0.15	3.24			
			1	10.00	2.40	0.15	3.60			
			1	15.00	2.70	0.15	6.08			
			1	30.00	2.70	0.15	12.15			
	2nd main Road R/side		1	15.00	1.20	0.15	2.70			
			1	25.00	2.70	0.15	10.13			
			1	9.30	3.00	0.15	4.19			
	Transformer alround		1	4.00	0.75	0.15	0.45			
			1	10.00	0.75	0.10	0.75			
	SMIG-A BLOCK(7+8+9)		1	6.00	3.00	0.15	2.70			
			1	2.50	4.50	0.15	1.69			
			1	12.50	11.00	0.15	20.63			
			2	7.20	2.00	0.15	4.32			
			2	2.20	1.50	0.15	0.99			
			1	7.20	2.00	0.15	2.16			
			1	4.50	2.70	0.15	1.82			
			1	12.00	3.00	0.15	5.40			
			1	7.50	5.50	0.15	6.19			
	SMIG-B Block(7+8+9):-Front		1	14.50	13.50	0.15	29.36			
	R/Side of Block:-sides		1	8.00	2.40	0.15	2.88			
			1	5.00	1.20	0.15	0.90			
	passage		1	3.50	2.10	0.15	1.10			
	Main Entry Block:-Sides		1	8.00	3.50	0.15	4.20			
	passage		1	3.50	2.10	0.15	1.10			
	L/Side of Block:-passage		1	8.50	2.10	0.15	2.68			
	sides		1	2.10	2.00	0.15	0.63			
			1	3.00	1.20	0.15	0.54			
			1	2.05	0.80	0.15	0.25			
	SMIG-B Block(16+17+18):-Front		1	14.50	15.00	0.15	32.63			
	L/Side of Block:-sides		1	8.00	3.50	0.15	4.20			
	passage		1	3.50	2.10	0.15	1.10			
	Main Entry Block:-Sides		1	8.00	3.50	0.15	4.20			
	passage		1	3.50	2.40	0.15	1.26			

	R/Side of Block:-sides		1	7.50	3.50	0.15	3.94		
	passage		1	3.50	2.00	0.15	1.05		
	SMIG-B Block(19+20+21):-Front		1	15.00	14.50	0.15	32.63		
	L/Side of Block:-sides		1	8.00	3.50	0.15	4.20		
	passage		1	3.50	2.10	0.15	1.10		
	Main Entry Block:-Sides		1	8.00	2.40	0.15	2.88		
	passage		1	3.50	2.10	0.15	1.10		
	R/Side of Block:-sides		1	8.00	3.50	0.15	4.20		
	passage		1	3.50	2.10	0.15	1.10		
	Tree pathies		20	0.90	0.25	0.10	0.45		
			20	0.60	0.25	0.10	0.30		
							236.67		
	Deductions Portions:-Chambers R/side		7	1.00	0.90	0.15	0.95		
			1	0.75	0.65	0.15	0.07		
			6	0.90	0.90	0.15	0.73		
	L/side		6	0.90	0.90	0.15	0.73		
			2	1.00	0.90	0.15	0.27		
	Tree pathies		10	0.90	0.90	0.15	1.22		
	sump tank,s		2	5.35	3.20	0.15	5.14		
	Flatform		1	1.80	1.40	0.15	0.38		
			1	2.00	0.90	0.15	0.27		
							9.75		
							226.93	5159.02	1170733.18
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	Total Rs	5159.02							
10	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum							
	For culvert bottom		3	5.50	1.20	0.30	5.94		
			1	4.80	1.20	0.30	1.73		
	Side walls		6	5.50	0.25	0.70	5.78		
			2	4.80	0.25	0.70	1.68		
							15.12	6371.66	96359.00
	Basic Rate	6011.00							
	Area Weightage @ 6%	360.66							
	Total Rs	6371.66							

11	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Tonne,s							
	0.090 tonne,s / cum						0.98		
							0.98	60103.06	59081.00
	Basic Rate	56701.00							
	Area Weightage @ 6%	3402.06							
	Total Rs	60103.06							
12	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm							
	Out Side walls		6	5.50		1.00	33.00		
			2	4.80		1.00	9.60		
	Inside walls		6	5.50		0.70	23.10		
			2	4.80		0.70	6.72		
							72.42	310.58	22492.00
	Basic Rate	293.00							
	Area Weightage @ 6%	17.58							
	Total Rs	310.58							
13	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm							
	flagging coarse:-2nd Main road L/Side		2	17.80		0.40	14.24		
			2	13.10		0.40	10.48		
			2	24.60		0.40	19.68		
	R/Side		2	11.70		0.40	9.36		
			2	19.40		0.40	15.52		
			2	14.50		0.40	11.60		
			2	9.80		0.40	7.84		
			2	19.00		0.40	15.20		
	Neha prakasha Hospital road :-L/Side		2	18.20		0.40	14.56		
	(4Th cross to 2nd main road)		2	12.90		0.40	10.32		
			2	10.60		0.40	8.48		

	R/Side		2	25.10		0.40	20.08		
			2	16.70		0.40	13.36		
			2	19.90		0.40	15.92		
	Tree pathies		20	0.90		0.40	7.20		
			20	0.60		0.40	4.80		
							198.64	993.22	197293.00
	Basic Rate	937.00							
	Area Weightage @ 6%	56.22							
	Total	993.22							
14	Removing and refixing Footpath(covering) slabs	Sqm							
	2nd Main road L/Side		1	30.00	1.20		36.00		
			1	28.00	1.20		33.60		
			1	35.00	1.20		42.00		
			1	32.00	1.20		38.40		
	R/Side		1	45.00	1.20		54.00		
			1	25.00	1.20		30.00		
			1	60.00	1.20		72.00		
	Sneha prakasha Hospital road :-		2	133.00	1.20		319.20		
							625.20		
		Deduct 50%of Missing slabs qty					312.60		
							312.60	132.50	41420.00
	Basic Rate	125.00							
	Area Weightage @ 6%	7.50							
	Total	132.50							
15	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
			0% of Missing Quantity				312.60		
							312.60	2100.00	656460.00
16	Removing and refixing of kerb stones	Rmtr							
	flagging coarse:-2nd Main road L/Side		1	17.80			17.80		
			1	13.10			13.10		
			1	24.60			24.60		
	R/Side		1	11.70			11.70		
			1	19.40			19.40		
			1	14.50			14.50		
			1	9.80			9.80		
			1	19.00			19.00		
	Neha prakasha Hospital road:- L/Side		1	18.20			18.20		
	(4Th cross to 2nd main road)		1	12.90			12.90		
			1	10.60			10.60		
	R/Side		1	25.10			25.10		
			1	16.70			16.70		
			1	19.90			19.90		
							233.30		
		Deduct 45%of Missing slabs qty					104.99		
							128.32	65.72	8433.00
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	65.72							

17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(pwd sr 2016-17,.n o25 5.30)	Nos							
				5% of Missing Quantity			**104.99**		
							233.30		
	Basic Rate	313.00					**233.00**	331.78	77304.74
	Area Weightage @ 6%	18.78							
	Total Rs	331.78							
18	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P No.101) No.14.6)	Sqm							
	SMIG-B Block(7+8+9):-Front		1	14.50	13.50		195.75		
	R/Side of Block:-sides		1	8.00	2.40		19.20		
			1	5.00	1.20		6.00		
	passage		1	3.50	2.10		7.35		
	Main Entry Block:-Sides		1	8.00	3.50		28.00		
	passage		1	3.50	2.10		7.35		
	L/Side of Block:-passage		1	8.50	2.10		17.85		
	sides		1	2.10	2.00		4.20		
			1	3.00	1.20		3.60		
			1	2.05	0.80		1.64		
	SMIG-B Block(16+17+18):-Front		1	14.50	15.00		217.50		
	L/Side of Block:-sides		1	8.00	3.50		28.00		
	passage		1	3.50	2.10		7.35		
	Main Entry Block:-Sides		1	8.00	3.50		28.00		
	passage		1	3.50	2.40		8.40		
	R/Side of Block:-sides		1	7.50	3.50		26.25		
	passage		1	3.50	2.00		7.00		
	SMIG-B Block(19+20+21):-Front		1	15.00	14.50		217.50		
	L/Side of Block:-sides		1	8.00	3.50		28.00		
	passage		1	3.50	2.10		7.35		
	Main Entry Block:-Sides		1	8.00	2.40		19.20		
	passage		1	3.50	2.10		7.35		
	R/Side of Block:-sides		1	8.00	3.50		28.00		
	passage		1	3.50	2.10		7.35		
							928.19		

	Deductions portions:-Flatform		1	1.80	1.40		2.52		
			1	2.00	0.90		1.80		
							4.32		
							923.87	916.90	847096.00
	Basic Rate	865.00							
	Area Weightage @ 6%	51.90							
	Total Rs	916.90							
19	KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999 Reaffirmed-2008.etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no216,sno28.7.9)	Cum							
	2nd main L/side		1	7.50	3.00	0.10	2.25		
			1	9.00	2.40	0.10	2.16		
			1	10.00	2.40	0.10	2.40		
			1	15.00	2.70	0.10	4.05		
			1	30.00	2.70	0.10	8.10		
	2nd main Road R/side		1	15.00	1.20	0.10	1.80		
			1	25.00	2.70	0.10	6.75		
			1	9.30	3.00	0.10	2.79		
	Transformer alround		1	4.00	0.75	0.10	0.30		
			1	10.00	0.75	0.10	0.75		
	SMIG-A BLOCK(7+8+9)		1	6.00	3.00	0.10	1.80		
			1	2.50	4.50	0.10	1.13		
			1	12.50	11.00	0.10	13.75		
			2	7.20	2.00	0.10	2.88		
			2	2.20	1.50	0.10	0.66		
			1	7.20	2.00	0.10	1.44		
			1	4.50	2.70	0.10	1.22		
			1	12.00	3.00	0.10	3.60		
			1	7.50	5.50	0.10	4.13		
	Flagging coarse of Damaged portion drains: 2nd Main road L/Side		2	17.80	0.25	0.10	0.89		
			2	13.10	0.25	0.10	0.66		
			2	24.60	0.25	0.10	1.23		
	R/Side		2	11.70	0.25	0.10	0.59		
			2	19.40	0.25	0.10	0.97		
			2	14.50	0.25	0.10	0.73		
			2	9.80	0.25	0.10	0.49		
			2	19.00	0.25	0.10	0.95		
	Neha prakasha Hospital road L/Side:-		2	18.20	0.25	0.10	0.91		
	(4Th cross to 2nd main road)		2	12.90	0.25	0.10	0.65		
			2	10.60	0.25	0.10	0.53		
	R/Side		2	25.10	0.25	0.10	1.26		
			2	16.70	0.25	0.10	0.84		
			2	19.90	0.25	0.10	1.00		
	Coping concrete of Damaged portion drains: 2nd Main road L/Side		2	17.80	0.20	0.05	0.36		
			2	13.10	0.20	0.05	0.26		

			2	24.60	0.20	0.05	0.49		
	R/Side		2	11.70	0.20	0.05	0.23		
			2	19.40	0.20	0.05	0.39		
			2	14.50	0.20	0.05	0.29		
			2	9.80	0.20	0.05	0.20		
			2	19.00	0.20	0.05	0.38		
	Neha prakasha Hospital road L/Side:-		2	18.20	0.20	0.05	0.36		
	(4Th cross to 2nd main road)		2	12.90	0.20	0.05	0.26		
			2	10.60	0.20	0.05	0.21		
	R/Side		2	25.10	0.20	0.05	0.50		
			2	16.70	0.20	0.05	0.33		
			2	19.90	0.20	0.05	0.40		
	Kerb stone base concrete of Damaged portion drains: 2nd Main road L/Side		1	17.80	0.20	0.10	0.36		
			1	13.10	0.20	0.10	0.26		
			1	24.60	0.20	0.10	0.49		
	R/Side		1	11.70	0.20	0.10	0.23		
			1	19.40	0.20	0.10	0.39		
			1	14.50	0.20	0.10	0.29		
			1	9.80	0.20	0.10	0.20		
			1	19.00	0.20	0.10	0.38		
	Neha prakasha Hospital road L/Side:-		1	18.20	0.20	0.10	0.36		
	(4Th cross to 2nd main road)		1	12.90	0.20	0.10	0.26		
			1	10.60	0.20	0.10	0.21		
	R/Side		1	25.10	0.20	0.10	0.50		
			1	16.70	0.20	0.10	0.33		
			1	19.90	0.20	0.10	0.40		
	Tree pathies Coping concrete		20	0.90	0.20	0.05	0.18		
			20	0.60	0.20	0.05	0.12		
	Culverts Approach concrete		3	5.50	0.60	0.10	0.99		
			1	4.80	0.60	0.10	0.29		
							84.52		
	Deductions Portions:-Chambers R/side		7	1.00	0.90	0.10	0.63		
			1	0.75	0.65	0.10	0.05		
			6	0.90	0.90	0.10	0.49		
	L/side		6	0.90	0.90	0.10	0.49		
			2	1.00	0.90	0.10	0.18		
	Tree pathies		10	0.90	0.90	0.10	0.81		
	sump tank,s		2	5.35	3.20	0.10	3.42		
							6.06		
							78.46	7580.06	594696.00
	Basic Rate	7151.00							
	Area Weightage @ 6%	429.06							
	Total Rs	7580.06							

20	Providing groove cutting for width of 5mm to 10mm and depth 80mm- 100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications (P.No 175, I.No 22.8.1)	Rmt							
			30	3.00			90.00	121.90	10971.00
	Basic Rate	115.00							
	Area Weightage @ 6%	6.90							
	Total	121.90							
21	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 70/ Item No. 11.50 PWD SR 2016-17	Unit							
	L/side		5				5.00		
	R/Side		9				9.00		
	Basic Rate	7041.00					14.00	7463.46	104488.00
	Area Weightage @ 6%	422.46							
	Total Rs	7463.46							
22	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-	sqm							
	Pre cast slabs		7	1.20	0.60		5.04		
			8	1.20	0.60		5.76		
			10	1.20	0.60		7.20		
							18.00	4725.00	85050.00

23	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications (Page No 121, Item No 15.80)	Sqm								
	Kerb stone painting: 2nd Main road L/Side		1	17.80		0.45	8.01			
			1	13.10		0.45	5.90			
			1	24.60		0.45	11.07			
	R/Side		1	11.70		0.45	5.27			
			1	19.40		0.45	8.73			
			1	14.50		0.45	6.53			
			1	9.80		0.45	4.41			
			1	19.00		0.45	8.55			
	Neha prakasha Hospital road L/Side:-									
	L/Side		1	18.20		0.45	8.19			
	(4Th cross to 2nd main road)		1	12.90		0.45	5.81			
			1	10.60		0.45	4.77			
	R/Side		1	25.10		0.45	11.30			
			1	16.70		0.45	7.52			
			1	19.90		0.45	8.96			
							104.99			
	Basic Rate	26.00		45% of quantity			47.24	27.56	1302.02	
	Area Weightage @ 6%	1.56								
	Total Rs	27.56								
24	KSRB 15-20.1 : Providing and applying floor painting with ready mix paint in two coats (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications Page No 131, Iem No 15.83)	Sqm								
	Kerb line:-2nd Main road L/Side		1	30.00		0.45	13.50			
			1	28.00		0.45	12.60			
			1	35.00		0.45	15.75			
			1	32.00		0.45	14.40			
	R/Side		1	45.00		0.45	20.25			
			1	25.00		0.45	11.25			
			1	60.00		0.45	27.00			
	Sneha prakasha Hospital road :-		2	133.00		0.45	119.70			
							234.45	53.00	12426.00	
	Basic Rate	50.00								
	Area Weightage @ 6%	3.00								
	Total Rs	53.00								
								TOTAL RS	4587016.23	
							KRIDL Charges 8%		366961.30	
							Labour cess 1%		45870.16	

25	Miscellaneous charges	L/s							953.16
								Total RS	5000000.00

(Rupees Fifty lakhs only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of, PRED 2016-17 & SE-RDED approved Rate.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Sattellite Sub Division

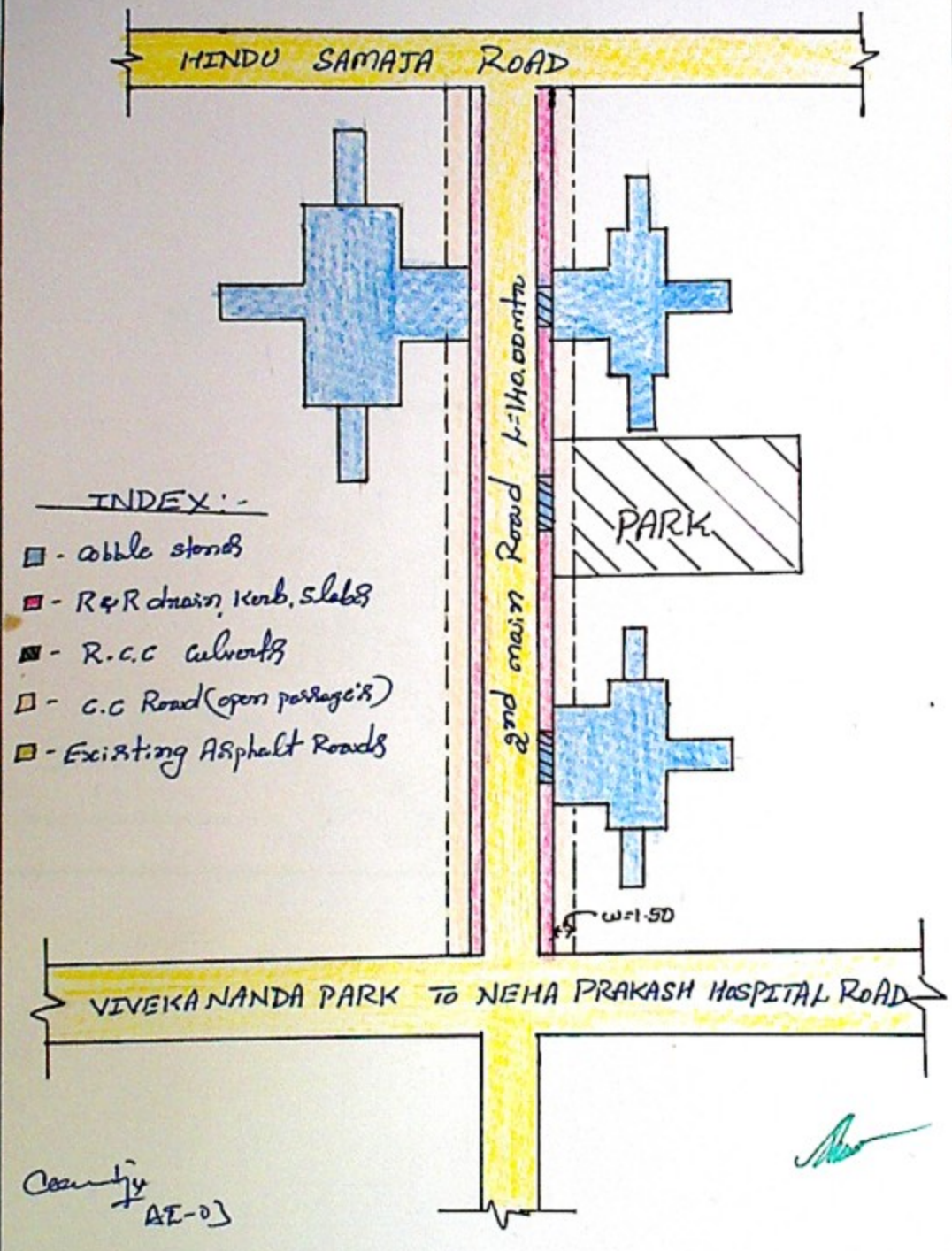
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 50.00 lakhs
Rupees fifty lakhs Nil
Ur P-3110
Re
Su
on
Dt
J.C(4) PRL/AS/25/17-18
dated 13.6.2017
50.00 lakhs.
Assistant Engineer
(Yelahanka Sattellite)
BBMP, Bengaluru-92

Technical Sanction
Accorded For 50.00 lakh Rs.
Head of A/C P3110
CER NO : 55 Dt: 15.06.17

TA, CE (YNK)

Name of works:- Providing of Cobble stone foot Paths at ward No-03 Athuru.



County AE-03